AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) An air conditioning system for cooling or heating an air, and for feeding the heated or cooled air to predetermined portions, comprising:

a first circulating circuit [[for]] circulating a first heating medium;

a second circulating circuit [[for]] circulating a second heating medium;

a first heat exchanger [[for]] executing heat exchange between the first and second heating ~~mediums~~ media; a second heat exchanger for executing heat exchange between the second heating medium and the heated or cooled air;

a compressor pressurizing the first heating medium;

an expander [[for]] distributing the pressurized first heating medium, connected with the first heat exchanger; and

a first heat storing device having a storing material which is heated or cooled by the first heating medium, executing heat exchange among the first heating medium, the second heating medium, and the heat storing material.

2. (Currently Amended) The air conditioning system according to Claim 1, further comprising:

a controller [[for]] executing a switching operation of a selector on the basis of an air conditioning demand.

3. (Previously Presented) The air conditioning system according to Claim 2, wherein:

the controller controls a switching operation of the selector so as to flow the second heating medium through a selected one of the first heat exchanger and the first heat storing device, when the air conditioning demand increases.

4. (Currently Amended) The air conditioning system according to Claim 2, wherein:

the first heat exchanger comprises a first flow passage [[for]] flowing the first heating medium, and a second flow passage formed adjacent to and in parallel with the first flow passage and [[for]] flowing the second heating medium; and

a flowing direction of the first heating medium in the first flow passage and a flowing direction of the second heating medium in the second flow passage are opposite to each other.

5. (Currently Amended) The air conditioning system according to Claim 2, wherein:

the [[a]]second circulating circuit comprises a first sub-circuit [[for]] flowing the second heating medium through the first heat exchanger; a second sub-circuit [[for]] flowing the second heating medium through the first heat storing device; and the selector [[for]] communicating the second heat exchanger selectively to the first sub-circuit and the second sub-circuit.

6. (Currently Amended) The air conditioning system according to Claim 5, wherein:

the first heat exchanger is arranged on an upstream side of the first heat storing device in a flowing direction of the low-temperatured first heating medium; and

the selector executes a switching operation to flow the second heating medium into the first heat exchanger through [[a]] the first sub-circuit in case the rapid cooling is demanded, and executes a switching operation to flow the second heating medium into the first heat storing device through the second sub-circuit in case the normal cooling is demanded.

7. (Currently Amended) The air conditioning system according to Claim 6, wherein:

a second heat storing device having a heat storage material which receives heat from the first heating medium and stores the heat therein is arranged in the first circulating ~~sub~~-circuit.

8. (Currently Amended) The air conditioning system according to Claim 7, further comprising:

a heat source mechanism [[for]] heating and cooling the first heating medium; wherein

the controller operates the heat source mechanism, in case the temperature of the heat storage material in at least any one of the heat storing devices is at a predetermined value or lower, and air conditioning is demanded.

9. (Previously Presented) The air conditioning system according to Claim 7, wherein:

the controller operates a first circulating circuit in accordance with a temperature of at least one of the heat storing devices and operates the second circulating circuit in accordance with the air temperature.

10. (Currently Amended) The air conditioning system according to Claim 9, further comprising:

a pump [[for]] pressurizing and flowing the second heating medium;

wherein the controller comprises a means for controlling an output of the pump on the basis of a deviation between the air temperature and the target temperature at a predetermined position in the outlet side of the second heat exchanger

11. (Currently Amended) The air conditioning system according to claim 5, wherein:

at least one of the first heat storing device and the second heat storing device comprises a pipe penetrating the heat storage material [[for]] flowing the first heating medium or the second heating medium therethrough, and a plurality of fins embedded in the heat storage material and integrated with the pipe.

12. (Previously Presented) The air conditioning system according to Claim 7, wherein:

the second heat storing device is arranged on an upstream side of the first heat storing device in a flowing direction of the first heating medium.

13. (Currently Amended) The air conditioning system according to Claim 7 further comprising:

a third heat exchanger [[for]] executing heat exchange selectively with the air; and

a third circuit [[for]] circulating a third heating medium between the second heat storing device and the third heat exchanger, and [[for]] providing heat to the third heating medium in the second heat storing device.

14. (Cancelled)

15. (Currently Amended) The air conditioning system according to Claim 1, further comprising:

a determining device [[for]] determining permission and non-permission of operation of the compressor on the basis of the temperature of the heat storage material in any one of the heat storing devices;

wherein a hysteresis is set to the permissible temperature and non-permissible temperature of operation of the compressor.

16. (Currently Amended) The air conditioning system according to Claim 14, further comprising:

a thawing device [[for]] heating the first heat storing device temporarily;

wherein the first heat storing device stores energy for cooling, and the second heat storing device stores heat for heating.

17. (Currently Amended) The air conditioning system according to Claim 16, wherein:

the air conditioning system is mounted in a vehicle; and

wherein the thawing device comprises a means for setting the amount of heat for heating the first heat storing device on the basis of at least one of a road information on which the vehicle is running, weather around the vehicle, a vehicle speed, an engine speed, outside temperature, and an amount of heat necessary to air condition ~~conditioning~~ the room.

18. (Currently Amended) The air conditioning system according to Claim 17, further comprising:

a prime mover [[for]] outputting a power, which runs ~~for running~~ the vehicle and, that drives ~~for driving~~ the compressor; wherein

the controller ~~seelects~~ selects a pre-heat storing mode, in which heat is stored in the first heat storing device or radiated by driving the compressor by a running inertia force, when the prime mover is driven compulsorily by the running inertia force.

19. (Currently Amended) The air conditioning system according to Claim 1, further comprising:

a selector valve [[for]] switching a flowing direction of the first heating medium, into a direction from the compressor through a heat radiator and the expander to the first heat storing device, and into a direction from a heater through the first heat storing device and the expander to the heat radiator.

20. (Previously Presented) The air conditioning system according to Claim 19, wherein:

a second heat storing device, which receives heat from the first heating medium and stores the heat therein, is arranged between a discharging port of the compressor and the selector valve.

21. (Currently Amended) The air conditioning system according to Claim 20, further comprising:

a third heat exchanger [[for]] executing heat exchange selectively with the air; and

a third circulating circuit [[for]] circulating a third heating medium between the second heat storing device and the third heat exchanger, and [[for]] providing heat to the third heating medium in the second heat storing device.

22. (Previously Presented) The air conditioning system according to Claim 7, further comprising:

an airmix executing device providing heat of the second heat storing device to the air cooled by the second heat exchanger, thereby heating the air.

23. (Currently Amended) The air conditioning system according to Claim 7, further comprising:

at least one of an internal combustion engine and a drive unit having oil; and

a controller [[for]] providing heat stored in the second heat storing device to any one of the internal combustion engine or the drive unit, thereby executing either warming up of the internal combustion engine or heating of the oil.

24. (Previously Presented) The air conditioning system according to Claim 23, further comprising:

a means for warming up the internal combustion engine by the heat of the second heat storing device, while the internal combustion engine is halted.